



Noise Control & Acoustics Division

Established as a division in 1981

Vision and Mission

Encourage, focus, and further the development and application of noise control and acoustics principles to multidisciplinary engineering. The program will also provide a balance between the theoretical studies of acoustics and its applications in terms of noise control engineering.

Membership

Primary membership has more than 600 members. Secondary memberships total over 1200. More than half the primary members are from industry, about 6-10% are from government labs and the balance is from academia.

Honors and Awards

Society Level

- Per Bruel Gold Medal

Division Level

- Rayleigh Lecture (Distinguished Invited Lecture)
- Student Paper Competition

Educational Activities

- Invited Tutorials at IMECE
 - Boundary Element Methods
 - Modal Analysis
 - Computational Acoustics
 - Active Noise Control
 - Phononic Crystals
 - Structural Acoustics
 - Sonic Booms
- 12-18 sessions typically at IMECE or another acoustics conference
- 50-80 peer reviewed papers

Technical Committees

1. Active and Passive Noise Control
2. Aero / Hydro Acoustics
3. Structural Acoustics

Publications

- ASME Transactions *Journal of Vibration & Acoustics* – 3 NCAD Associate Editors
- Annual conference proceedings on CD-ROM from IMECE sessions or another joint acoustics conference (e.g. NoiseCon)
- Publication of tutorial materials in NCAD section of ASME.ORG
- Publication of a newsletter each year

Areas for Collaboration

- Eager to co-sponsor symposia with other divisions
- Development of symposia at other ASME and other Society conferences
- Greater emphasis on NC&A in concurrent engineering design process

Executive Committee

Consists of the

- Chair
- Vice-Chair
- Secretary/Treasurer
- Program Chair
- Member at large

Executive Committee members are typically past Technical Committee chairs.